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New Patent Claims

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SubA1

1. System comprising a screw and a tool (6) therefor, in which the screw has a screw head (1) with a top surface and a slot (2), the slot (2) having a first recess (3) adjoining the top surface, the slot (2) having an approximately straight-walled cross section, and the tool is provided with an engagement section (16) that is complimentary to the first recess (3), and where the slot has a second recess (11) at the bottom of the first recess (3), with a smaller diameter than that of the first recess (3), and the tool (6) is provided with a central point (17) that complements the second recess (11), the recess (3) is shaped as a star with six points viewed in the axial direction of the screw, in accordance with [the Torx® standard (e.g. ISO 10664), the second recess (11) has a circular cross section, and the central point (17) of the tool (6) has a circular cross section, w h e r e i n the screw comprises a transition surface (15) between the first (3) and second (11) recess, which extends to the second recess at a first angle, and the tool (6) comprises a surface (18) between the engagement section (16) and the central point (17), which extends to the central point (17) at a second angle, the first angle being steeper than the second angle, so that a space (19) is formed between the transition surface (15) and the surface (18) when the tool (6) is inserted into the slot (2), the space (19) diverging towards the central point (17).

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2. System according to Claim 1, w h e r e i n the diameter of the second recess (11) is substantially smaller than the diameter of the first recess (3).

SubA2

3. System according to Claim 1 or 2, w h e r e i n the first recess (3) and the second recess (11) have substantially the same depth.

4. Screw constituting part of a system comprising the screw and a tool therefor, in which the screw has a screw head (1) with a top surface and a slot (2), the slot (2) having a first recess (3) adjoining the top surface, the slot (2) having an approximately straight-walled cross section, and in which the slot has a second recess (11) at the bottom of the first recess (3),

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with a smaller diameter than that of the first recess (3), the recess (3) is shaped as a star with six points viewed in the axial direction of the screw, in accordance with the Torx® standard (e.g. ISO 10664), and the second recess (11) has a circular cross section, w h e r e i n the screw comprises a transition surface (15) between the first (3) and second (11) recess, which extends to the second recess (11) at an angle.

5.

Screw according to Claim 4, w h e r e i n the diameter of the second recess (11) is substantially smaller than the diameter of the first recess (3).

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6. *Screw*
System according to Claim 4 or 5, w h e r e i n the first recess (3) and the second recess (11) have substantially the same depth.

7.

Screw
Screw tool constituting part of a system comprising the tool and a screw, the tool is provided with an engagement section (16) and a central point (17), the engagement section (16) of the tool is shaped as a star with six points with substantially parallel walls, in accordance with the Torx® standard (e.g. ISO 10664), and the central point (17) has a circular cross section, w h e r e i n the tool comprises a surface (18) between the engagement section (16) and the central point (17), which extends to the central point (17) at an angle.

8.

25 Screw tool according to Claim 7, w h e r e i n the central point (17) has a substantially smaller diameter than the engagement section (16).

30 *Screw*
Screw tool according to Claim 7 or 8, w h e r e i n the central point (17) and the engagement section (16) have substantially the same length.